# PATENT COOPERATION TREATY



# PCT Rec'd PCT/PTO 10 NOV 2005 INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

10/532543

Applicant's or agent's file reference					
903286	FOR FURTHER ACTION	See Form PCT/IPEA/416			
International application No. PCT/JP2003/014281	nternational filing date (day/month/year) 10 November 2003 (10.11.2003)	Priority date (day/month/year)			
International Patent Classification (IPC) or nat C22C 32/00, 27/04, 1/04, 1/05, B2	onal clessification and IDS	11 November 2002 (11.11.2002)			
Applicant	OMO ELECTRIC INDUSTRIES,	LTD.			
This report is the international preliming     Authority under Article 35 and transm	ary examination report, established by this ted to the applicant according to Article 3	s International Preliminary Examining 6.			
2. This REPORT consists of a total of	3 sheets, including this cover s	alana.			
3. This report is also accompanied by AN	VEXES, comprising:				
a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:					
sheets of the descrip	on, claims and/or drawings which have be	een amended and are the basis of this report ority (see Rule 70.16 and Section 607 of the			
Supplemental Box.	approximit as med,	considers contain an amendment that goes as indicated in item 4 of Box No. I and the			
b. (sent to the International readable form only, as indic Administrative Instructions)	Bureau only) a total of (indicate type , containing a sequence listing ted in the Supplemental Box Relating to	pe and number of electronic carrier(s)) g and/or tables related thereto, in computer sequence Listing (see Section 802 of the			
4. This report contains indications relating		o ( and object inc			
Box No. I Basis of the report	Total total wing rights.				
Box No. II Priority					
Box No. III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  Box No. IV  Lack of unity of invention					
Box No. V Reasoned statemer	Box No. V Reasoned statement under Article 35(2) with record to				
	citations and explanations supporting such statement  Certain documents cited				
Box No. VII Certain defects in t	Certain defects in the international application				
	s on the international application				
Date of submission of the demand	Date of completion of	this report			
08 April 2004 (08.04.2004		May 2004 (11.05.2004)			
ame and mailing address of the IPEA/JP	Authorized officer	<del></del>			
acsimile No.	Telephone No.				

Translation

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. I Basis of the report	PCT/JP2003/014281
1. With regard to the language, this report is based on the international application in the otherwise indicated under this item.	
This report is based on translations from the original language into the follow which is language of a translation furnished for the purpose of:	ving language,
international search (under Rules 12.3 and 23.1(b))	
publication of the international application (under Rule 12.4)	
international preliminary examination (under Rules 55.2 and/or 55.3)	
pages* received by this Authority on	rea to in ints report as "originally filed"  , as originally filed/firmishe
the drawings:	
pages	paradat 11 mm
pages* received by this Authority on	, as originally filed/furnished
pages* received by this Authority on	
a sequence listing and/or any related table(s) - see Supplemental Box Relating to S	equence Listing.
The amendments have resulted in the cancellation of:	
the description, pages	
the claims, Nos.	
the drawings, sheets/figs	
the drawings, sheets/figs	
the sequence listing (specify):	
any table(s) related to sequence listing (specify):	
This report has been established as if (some of) the amendments annexed to this made, since they have been considered to go beyond the disclosure as filed, as (Rule 70.2(c)).  the description, pages the claims, Nos. the drawings, sheets/figs	report and listed below had not been indicated in the Supplemental Box
the sequence listing (specify):	
any table(s) related to sequence listing (specify):	
f item 4 applies, some or all of those sheets may be marked "superseded."	
m PCT/IPEA/409 (Box No. I) (January 2004)	
7	

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/JP 03/14281

V.	Reasoned statement under Article citations and explanations supporti	35(2) with regard to no ng such statement	velty, inventive step or industrial ap	plicability;
1.	Statement			
	Novelty (N)	Claims	1-45	YES
		Claims		NO
	Inventive step (IS)	Claims	1-45	YES
		Claims		NO NO
	Industrial applicability (IA)	Claims	1-45	YES
		Claims		NO

### 2. Citations and explanations

Document 1: JP 63-195242 A (Nippon Tungsten Co., Ltd.), 12 August 1988

Document 2: JP 53-22319 B1 (Tokyo Shibaura Electric Co., Ltd.), 7 July 1978

Document 3: JP 10-310841 A (Toshiba Corp.), 24 November 1998

#### Claims 1-45

The inventions set forth in claims 1-45 are not disclosed in any of the documents cited in the international search report, and are thus novel. In particular, the features of average particle size and the average distance between particles are not disclosed in any document. Moreover, these features could not be deduced easily by a person skilled in the art from the cited documents.